



Material Safety Data Sheet

1. Product and Company Identification

Material name CH197A
Use of the preparation Inkjet printing.
Version # 01
Revision date 04-03-2009
CAS # Mixture
Synonym(s) ColorSpan 0900460-011
Company identification Hewlett-Packard Company
3000 Hanover Street
Palo Alto, CA 94304-1185
United States
Telephone 650-857-1501

Hewlett-Packard health effects line
(Toll-free within the US) 1-800-457-4209
(Direct) 1-503-494-7199
HP Customer Care Line
(Toll-free within the US) 1-800-474-6836
(Direct) 1-208-323-2551
Email: hpcustomerinquiries@hp.com

Date prepared Apr 03, 2009
MSDS number 376480

2. Hazards Identification

Acute health effects

Skin contact May cause sensitization by skin contact. Contact with skin may result in irritation. Avoid contact with the skin.

Eye contact Contact with eyes may result in irritation. Avoid contact with eyes.

Inhalation Inhalation may result in respiratory irritation.

Potential health effects

Routes of exposure Potential routes of overexposure to this product are skin and eye contact.

3. Composition / Information on Ingredients

| Component/substance | CAS number | % by weight |
|---------------------|-------------|-------------|
| 1,2-Hexanediol | 6920-22-5 | <10 |
| Blue Dye | Proprietary | <5 |
| Minor Ingredients | | <2 |
| Water | 7732-18-5 | Balance |

Composition comments This product is highly soluble in water.

4. First Aid Measures

First aid procedures

Eye contact In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation develops or persists.

Skin contact In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water.
Wash clothing separately before reuse.

Inhalation In case of accident by inhalation: remove casualty to fresh air and keep at rest. If symptoms persist, get medical attention.



Material Safety Data Sheet

Ingestion

Rinse mouth out with water. Give several glasses of water. Never give anything by mouth to an unconscious person. Do not induce vomiting. If symptoms persist, get medical attention.

5. Fire Fighting Measures

| | |
|---|--|
| Flash point and method | Not flammable |
| Hazardous combustion products | Decomposition of this product may yield oxides of sulfur and nitrogen. |
| Flammable properties | The product is not flammable. |
| Extinguishing media | |
| Suitable extinguishing media | Use any media suitable for the surrounding fires. |
| Unusual fire and explosion hazard | The product is not flammable. |
| Protection of firefighters | |
| Protective equipment and precautions for firefighters | Wear suitable protective equipment. |

6. Accidental Release Measures

| | |
|---------------------------|---|
| Personal precautions | Avoid contact with skin. Do not touch or walk through spilled material. Use personal protective equipment to minimize exposure to skin and eye. |
| Environmental precautions | Do not flush into surface water or sanitary sewer system. |
| Methods for cleaning up | Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Clean up in accordance with all applicable regulations. Clean-up methods - small spillage; Flush area with flooding quantities of water. |

7. Handling and Storage

| | |
|----------|---|
| Handling | Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. Use personal protective equipment as required. Use only with adequate ventilation. When using, do not eat, drink or smoke. |
| Storage | Keep tightly closed in a dry, cool and well-ventilated place. Store at room temperature. Do not handle or store near an open flame, heat or other sources of ignition. Keep out of the reach of children. |

8. Exposure Controls / Personal Protection

| | |
|--------------------------------|---|
| Personal protective equipment | |
| General | Eye wash fountain and emergency showers are recommended. |
| Eye / face protection | Wear safety glasses; chemical goggles (if splashing is possible). |
| Skin protection | Wear appropriate chemical resistant gloves. Wear appropriate chemical resistant clothing. |
| Respiratory protection | No personal respiratory protective equipment required under normal conditions of use. Provide adequate ventilation. |
| General hygiene considerations | Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Launder contaminated clothing before reuse. |

9. Physical & Chemical Properties

| | |
|----------------|-------------------|
| Color | Light Cyan |
| Odor | mild solvent |
| Odor threshold | Not available. |
| Physical state | Liquid. |
| Form | Aqueous solution. |



Material Safety Data Sheet

| | |
|--|------------------------|
| pH | 7 - 8 |
| Melting point | < 32 °F (< 0 °C) |
| Freezing point | Not available. |
| Boiling point | > 212 °F (> 100 °C) |
| Flash point | Not flammable |
| Evaporation rate | Not available. |
| Flammability | Not available. |
| Flammability limits in air, upper, % by volume | Not available. |
| Flammability limits in air, lower, % by volume | Not available. |
| Vapor pressure | Not available. |
| Vapor density | Not available. |
| Specific gravity | Not available. |
| Relative density | 1.03 g/cm ³ |
| Solubility (water) | Soluble |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |
| VOC | 82.4 g/L |

10. Chemical Stability & Reactivity Information

| | |
|------------------------|---|
| Chemical stability | Stable under normal storage conditions. |
| Conditions to avoid | Avoid high temperatures. |
| Incompatible materials | Strong oxidizing agents. |

11. Toxicological Information

| | |
|-----------------|---|
| Sensitization | May cause sensitization by skin contact. |
| Local effects | Inhalation of vapors in high concentration may cause irritation of respiratory system. |
| Carcinogenicity | None of the ingredients have been classified as carcinogens according to EU, IARC, MAK, NTP, OSHA or ACGIH. |

12. Ecological Information

| | |
|-------------------------------|--|
| Ecotoxicity | The product is miscible in water and readily biodegradable in both water and soil. Accumulation is not expected. |
| Persistence and degradability | Not available. |

13. Disposal Considerations

| | |
|-----------------------|--|
| Disposal instructions | Dispose of in compliance with federal, state, and local regulations. Do not allow this material to drain into sewers/water supplies. |
|-----------------------|--|

14. Transport Information

IATA

Not regulated as dangerous goods.

General Not a regulated article under United States DOT, IATA, ADR, IMDG, or RID.

15. Regulatory Information

| | |
|------------------------|--|
| US federal regulations | US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA. |
|------------------------|--|



Material Safety Data Sheet

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance
No

Section 311 hazardous chemical
No

16. Other Information

HMIS® ratings
Health: 1
Flammability: 0
Physical hazard: 0
Personal protection: B

NFPA ratings
Health: 1
Flammability: 0
Instability: 0

Issue date
Apr 3 2009 7:09PM

Revision
1

Replaces sheet dated
Mar 18 2009 11:53AM

Disclaimer
This Safety Data Sheet document is provided without charge to customers of Hewlett-Packard Company. Data is the most current known to Hewlett-Packard Company at the time of preparation of this document and is believed to be accurate. It should not be construed as guaranteeing specific properties of the products as described or suitability for a particular application. This document was prepared to the requirements of the jurisdiction specified in Section 1 above and may not meet regulatory requirements in other countries.



Material Safety Data Sheet

Explanation of abbreviations

| | |
|---------------|---|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| CAS | Chemical Abstracts Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CFR | Code of Federal Regulations |
| COC | Cleveland Open Cup |
| DOT | Department of Transportation |
| EPCRA | Emergency Planning and Community Right-to-Know Act (aka SARA) |
| IARC | International Agency for Research on Cancer |
| NIOSH | National Institute for Occupational Safety and Health |
| NTP | National Toxicology Program |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation and Recovery Act |
| REC | Recommended |
| REL | Recommended Exposure Limit |
| SARA | Superfund Amendments and Reauthorization Act of 1986 |
| STEL | Short-Term Exposure Limit |
| TCLP | Toxicity Characteristics Leaching Procedure |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substances Control Act |
| VOC | Volatile Organic Compounds |

Manufacturer information

Hewlett-Packard
11311 K-Tel Drive
Minnetonka, MN 55343 US
Product Information 1-800-925-0563